

Peak District National Park

Forecast valid from 00:00 on Sunday 27 Aug 2023 until 23:59 on Monday 28 Aug 2023

Forecast Issued on Saturday 26 Aug 2023 at 15:49

Confidence: High for prevailing unsettled and showery theme, but low for shower detail. Monday probably the best day of the period, with confidence again low regarding the arrival of a weather system on Tuesday.

Headline for Sunday 27 Aug 2023: Showers may turn more widespread and also heavy and thundery for a time then drier and brighter towards Sunday evening. Chance of rain towards midnight in far west.

Mountain weather hazards on Sunday 27 Aug 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
				Time			
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Light rain showers	Mist	Light rain showers	Thundery showers	Thundery showers	Light rain showers	Sunny intervals	Cloudy
Precipitation probability							
20%	10%	40%	50%	50%	40%	20%	20%

Forecast for Sunday 27 Aug 2023

Weather: Some limited clear spells and showers are likely in the early hours of Sunday morning, with increasing chance of heavy, thundery showers developing during Sunday morning. Showers becoming more isolated through afternoon and evening with some brightness to end the day. Chance of thickening and lowering cloud arriving from the west after dusk possibly bringing rain and drizzle towards midnight.

Chance of cloud-free hill tops above 600m: 30% in the early hours becoming 80% for a time during Sunday afternoon and evening then 50% after dusk and perhaps higher probabilities towards midnight.

Low cloud and visibility: Broken to overcast bases 400 to 500 metres in early hours. Cloud should lift and overturn after dawn, probably reaching 900 metres, and then broken bases lowering to 600 to 700 metres in evening. Moderate or poor at first becoming generally good in morning, then moderate again in evening. Visibility very poor in cloud.

Forecast for Sunday 27 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/9 W	6/9 W	6/9 W	9/13 W	12/17 W	17/23 W	14/20 W	11/18 W	10/15 W
300	5/7 SW	4/6 SW	5/6 S	6/9 W	12/19 W	13/21 W	11/19 W	8/15 W	8/12 W
Valley	2/5 NW	2/4 SW	2/4 S	3/6 SW	10/18 W	10/21 W	9/18 W	5/13 W	4/8 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/8	9/7	9/8	10/8	12/10	11/8	11/8	10/7	9/7
300	11/10	10/9	10/9	12/11	14/12	14/11	13/11	12/10	12/10
Valley	11/11	9/9	10/10	13/13	15/14	14/13	14/12	12/12	11/11
Freezing Level*	2000m	1900m	2000m	2100m	2200m	2300m	2200m	2200m	2200m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Gusts may be higher than indicated near thundery showers. Sun protection advisable in sunshine during Sunday.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 26 Aug 2023	0.2mm	0.2mm	1.2mm

Forecast for Monday 28 Aug 2023

Weather: Some rain and drizzle for a time on Monday morning as fronts move erratically eastwards during the morning, with some afternoon and evening brightness perhaps developing in its wake. Chance of a few light showers into the evening period.

Maximum wind: West or Northwest with gusts reaching 25mph in afternoon.

Chance of cloud-free hill tops above 600m: 20% or less in morning, becoming 70% in afternoon, and perhaps higher for a time during the evening.

Low cloud and visibility: Broken to overcast bases lowering to around 400 metres and covering some peaks. This probably lifting and breaking to scattered bases 700 metres and perhaps clearing summits during the afternoon.

Temperature: **Valleys:** Plus 7 degrees Celsius becoming plus 20 degrees Celsius.
At 600m: Plus 7 degrees Celsius becoming plus 14 degrees Celsius.
Freezing level: Well above summits.